App. Not Pub.—R0101—Priority Doc. Basic fee Entity: L. S. Int. Application Note Pub.—R0101—Priority Doc. Basic fee Entity: L. S. Int. Application Note Pub.—R0101—Priority Doc. Basic fee Entity: L. S. Int. Application Pages Pub. Date: Eng (px) Dex. Cnx, Krx, Frx, Esx, R. Specification Pages Pub. Dex. Cnx, Krx, Frx, Esx, R. Specification Pages Pub. Dex. Cnx, Krx, Frx, Esx, R. Specification Pages Pub. Dex. Cnx, Krx, Frx, Esx, R. Search Report: Ep (pp. SE, AU, US, CN, ES, RU, AT, KR.: Search Report Ref.—I. P. E. Report/409:—Ep, JP, SE, AU, US, CN, ES, RU, AT, KR. Other—Annexes to IPER Report: Translation of the Annexes Yes—No—Reason annexes were not entered:—ISA/237 Report:—EP, JP, SE, AU, US, CN, ES, RU, AT, KR: Other—Art. 19 Amd't: EP JP SE AU US CN ES RU AT KR: Translated—Entered—Preliminary Amendment: (1)—Phys. (3)—Entered Yes—No—Reason why the Preliminary Amendment/Art. 19 Amd't was not entered—Substitute Specification:—Mark Up Copy:—I.D.S Date: (1)—Phys. Change of Power of Attorney: Change of Address Date:—Application Data Sheet:—Assignment Date:—DNA Diskette Date:—Seq. Listing Date:—Assignment Date:—DNA Diskette Date:—Seq. Listing Date:—Bate of completion of requirements under 35 U.S.C. 371:—Date of completion of notice of Acceptance DO/EO 903:—Date of completion of Notification of Missing Requirements DO/EO 905:—Date of completion of Notification of Missing Requirements DO/EO 905:—Date of completion of Notification of Missing Requirements DO/EO 905:—Date of completion of Notification of Missing Requirements DO/EO 905:—Date of completion of Notification of Missing Requirements DO/EO 905:—Date of completion of Notification of Missing Requirements DO/EO 905:—Date of completion of Notification of Missing Requirements DO/EO 905:—Date of completion of Notification of Missing Requirements DO/EO 905:—Date of completion of Notification of Missing Requirements DO/EO 905:—Date of completion of Notification of Missing Requirements DO/EO 905:—Date of completion of Notification of Missing Requirements DO/EO 905:—Date of	" and the state of
App. Not Pub.—RO101—Priority Doc. Basic fee—Entity: L S- Int. Application Nool Claim Pages Eng (Ipx Dex, Cnx, Krx, Frx, Esx, R Specification Pages Claim Pages Eng (Ipx Dex, Cnx, Krx, Frx, Esx, R Specification Pages Claim Pages Enwings Abs. Pages Seq. Pages Aranslation of Application Claim Pages Enwings Abs. Pages Seq. Pages Aranslation of Application Claims Foreign Text in drawings Yes No- Search Report: EP (IP) SE, AU, US, CN, ES, RU, AT, KR. Search Report Ref. I.P. E. Report/409:—EP, JP, SE, AU, US, CN, ES, RU, AT, KR. Other— Annexes to IPER Report:—Translation of the Annexes Yes—No- Specification Pages—Claims—Drawings—Annexes entered Yes—No- Reason annexes were not entered:—ISA/237 Report:—EP, JP, SE, AU, US, CN, ES, RU, AT, KR: Other— Art. 19 Amd't: EP JP SE AU US CN FE RU AT KR: Translated—Entered— Preliminary Amendment: (1)—(1)—(1)—(1)—(2)—(3)—Entered Yes—No- Reason why the Preliminary Amendment/Art. 19 Amd't was not entered— Substitute Specification:—Mark Up Copy:—I.D.S Date: (1)—(2)—(3), Declaration/Oath Date: Change of Address Date:—Application Data Sheet:—Application Data Sheet:—Application Data Sheet:—Application Data Sheet:—Application of Attorney:—DNA Diskette Date:—Seq. Listing Date:—Seq. Listing Date:—State of completion of requirements under 35 U.S.C. 371:—Object Of Completion of Interest Sustein	-US APPLICATION: 10/582999 WIROW 05/04/844
Specification Pages / Claim Pages / Bawings / Abs. Pages - Seq. Pages / Aranslation of Application / Claim Pages / Bawings / Abs. Pages - Seq. Pages - Search Report: EP P SE, AU, US, CN, ES, RU, AT, KR. Search Report Ref I.P.E. Report/409: - EP, JP, SE, AU, US, CN, ES, RU, AT, KR. Other - Annexes to IPER Report: - Translation of the Annexes Yes - No Specification Pages - Claims - Drawings - Annexes entered Yes - No Reason annexes were not entered: - ISA/237 Report: - EP, JP, SE, AU, US, CN, ES, RU, AT, KR. Other - Art. 19 Amd't: EP JP SE AU US CN ES RU AT KR: Translated - Entered - Preliminary Amendment: (1) - EP, JP, SE, AU, US, CN, ES, RU, AT, KR: Other - Art. 19 Amd't: EP JP SE AU US CN ES RU AT KR: Translated - Entered - Preliminary Amendment: (1) - Substitute Specification: - Mark Up Copy: - I.D.S Date: (1) - Substitute Specification: - Mark Up Copy: - I.D.S Date: (1) - Substitute Specification: - Mark Up Copy: - Substitute Specification: - Mark Up Copy: - Seq. Listing Date: - Seq. Completion of requirements under 35 U.S.C. 371: - Seq. Listing Date: - Seq. Date of completion of notice of Acceptance Do/EO 903: - D. Seq. Listing Date: - Date of completion of notice of Acceptance Do/EO 903: - D. Seq. Listing Date of completion of Notification of Missing Requirements and Completion of Notification of Mi	App. Not PubRO101 Pub. Date.
Specification Pages Claim Pages Bowings Abs. Pages Seq. Pages Aranslation of Application Pages Bowings Abs. Pages Seq. Pages Aranslation of Application Pages Abs. Pages Seq. Pages Search Report: EP P SE, AU, US, CN, ES, RU, AT, KR. Search Report Ref. I.P.E.Report/409: EP, JP, SE, AU, US, CN, ES, RU, AT, KR. Other Annexes to IPER Report: Translation of the Annexes Yes No- Specification Pages Claims Drawings Annexes entered Yes No- Reason annexes were not entered: ISA/237 Report: EP, JP, SE, AU, US, CN, ES, RU, AT, KR. Other Art. 19 Amd't: EP JP SE AU US CN ES RU AT KR: Translated Entered Preliminary Amendment (1) (1) (2) (3) Entered Yes No- Reason why the Preliminary Amendment/Art. 19 Amd't was not entered Substitute Specification: Mark Up Copy: I.D.S. Date: (1) (2) (3), Declaration/Oath Date: Substitute Specification: Mark Up Copy: Application Data Sheet: Application Data Sheet: Seq. Listing Date: Seq. Completion of requirements under 35 U.S.C. 371 Receipt of Request (PTO-1390): Date of completion of notice of Acceptance Do/EO 903: Date of completion of Notification of Missing Requirements POSIO 646	Int. Application NorTPO+/19/10 Priority Doc. Basic fee Entity: L. S.
Aranslation of Application————————————————————————————————————	Specification Pages // Claim Page // Box Dex, Cnx, Krx, Frx, Esx, Rt
Search Report: EP (IP SE, AU, US, CN, ES, RU, AT, KR.: Search Report Ref.————————————————————————————————————	Translation of Application 0/14/16
I.P.E.Report/409:	Search Report: EP IP SE ALL LIG CALES
Annexes to IPER Report: ————————————————————————————————————	1 2 2 2 1 1 U I U I U I U I V I I V I V I V I V I V
Specification Pages —— Claims —— Drawings —— Annexes entered Yes —— No —— Reason annexes were not entered: —— EP, JP, SE, AU, US, CN, ES, RU, AT, KR: Other —— Art. 19 Amd't: EP JP SE AU US CN ES RU AT KR: Translated —— Entered —— Preliminary Amendment: (1) —— (1) —— (3) —— Entered Yes —— No —— Reason why the Preliminary Amendment/Art. 19 Amd't was not entered —— Substitute Specification: —— Mark Up Copy: —— Mark Up Copy: —— LD.S Date: (1) —— (2) —— (3), Declaration/Oath Date: —— Power of Attorney: —— Change of Power of Attorney: —— Application Data Sheet: —— Assignment Date: —— DNA Diskette Date: —— Seq. Listing Date: —— State of acceptable Oath/Declaration Received: —— Dol/#/OC —— Date of acceptable Oath/Declaration Received: —— Dol/#/OC —— Date of completion of requirements under 35 U.S.C. 371: —— Dol/#/OC —— Date of completion of notice of Acceptance DO/EO 903: —— DO/#/OC —— Date of completion of Notification of Missing Requirements DO/EO 903: —— Date of completion of Notification of Missing Requirements DO/EO 903: —— Date of completion of Notification of Missing Requirements DO/EO 903: —— Date of completion of Notification of Missing Requirements DO/EO 903: —— Date of completion of Notification of Missing Requirements DO/EO 903: —— Date of completion of Notification of Missing Requirements DO/EO 903: —— Date of completion of Notification of Missing Requirements DO/EO 903: —— Date of completion of Notification of Missing Requirements DO/EO 903: —— Date of completion of Notification of Missing Requirements DO/EO 903: —— Date of completion of Notification of Missing Requirements DO/EO 903: —— Date of completion of Notification of Missing Requirements DO/EO 903: —— Date of Completion of Notification of Missing Requirements DO/EO 903: —— Date of Completion of Notification of Missing Requirements DO/EO 903: —— Date of Completion of Notification of Missing Requirements DO/EO 903: —— Date of Completion of Do/EO 903: —— Date of Completion of Do/EO 903: —— Date of Completion of Do/EO 900: —— Date of Completion of Do/	
Reason annexes were not entered: ISA/237 Report: EP, JP, SE, AU, US, CN, ES, RU, AT, KR: Other— Art. 19 Amd't:EP JP SE AU US CN ES RU AT KR: Translated—Entered— Preliminary Amendment:(1)————————————————————————————————————	F - T - T - T - T - T - T - T - T - T -
ISA/237 Report: ——EP, JP, SE, AU, US, CN, ES, RU, AT, KR: Other—Art. 19 Amd't:EP JP SE AU US CN ES RU AT KR: Translated——Entered——Preliminary Amendment: (1)————————————————————————————————————	OraniisDrawings Anno
Preliminary Amendment: (1) ———————————————————————————————————	- 170 DIFFUI CIL
Preliminary Amendment: (1) ———————————————————————————————————	Art. 19 Amd't:EP IP SE ALLUS CNEED PA
Reason why the Preliminary Amendment/Art. 19 Amd't was not entered Substitute Specification: I.D.S Date: (1) Change of Attorney: Change of Address Date: Assignment Date: DNA Diskette Date: Seq. Listing Date: Date of acceptable Oath/Declaration Received: Date of completion of requirements under 35 U.S.C.371: Date of completion of notice of Acceptance DO/EO 903: Date of completion of Notification of Missing Requirements DO/EO 903: Date of completion of Notification of Missing Requirements DO/EO 903:	Proliming Ry Al KR: TranslatedEntered
Substitute Specification: I.D.S Date: (1)————————————————————————————————————	Reason why the Preliminary Amendment (April 10 April 20 A
Power of Attorney:	
Power of Attorney:	Substitute Specification:
Change of Address Date: Assignment Date: DNA Diskette Date: Seq. Listing Date: Date of acceptable Oath/Declaration Received: Date of completion of requirements under 35 U.S.C.371: Date of completion of all Requirements: Date of completion of notice of Acceptance DO/EO 903: Date of completion of Notification of Missing Requirements DOMEO 2015	(1) Declaration (2) 1
Assignment Date: DNA Diskette Date: Seq. Listing Date: Date of acceptable Oath/Declaration Received: Date of completion of requirements under 35 U.S.C.371: Date of completion of all Requirements: Date of completion of notice of Acceptance DO/EO 903: Date of completion of Notification of Missing Requirements DOMEO 2015	Change of Power
DIVA Diskette Date:————————————————————————————————————	Annlie all p
Date of acceptable Oath/Declaration Received: Date of completion of requirements under 35 U.S.C.371: Date of completion of all Requirements: Date of completion of notice of Acceptance DO/EO 903: Date of completion of Notification of Missing Requirements DO/EO 903:	DINA Diskette Date:
Date of completion of requirements under 35 U.S.C.371: Date of completion of all Requirements: Date of completion of notice of Acceptance DO/EO 903: Date of completion of Notification of Missing Requirements DO/EO 903:	7 The of neglicial (\$10-139/))
Date of completion of requirements under 35 U.S.C.371: Date of completion of all Requirements: Date of completion of notice of Acceptance DO/EO 903: Date of completion of Notification of Missing Requirements DO/EO 903:	of acceptable Oath/Declaration Received
Date of completion of notice of Acceptance DO/EO 903: Date of completion of Notification of Missing Requirements DO/EO 903:	The of completion of requirements under 35 IISC 371.
Date of completion of Notification of Missing Requirements DOGO and	of completion of all Requirements:
ompletion of Wolfication of Missing Requirements DOMO and	of completion of notice of Acceptance DO/FO 003.
1) (A V/LI) 9//1 manual	of institution of Notification of Missing Requirements DOTTO and
The state of Defective Response DO/FO 016.	The state of Defective Response DO/FO 016.
of Completion of DO/EO 922(Sequence Listing & Diobast	of bompietton of DO/EO 922 (Sequence Listing & Diokage
5 April 6 10 10 10 10 10 10 10 10 10 10 10 10 10	Pate of completion of DO/EO 923:
Date of completion of Notice of Abandonment DO/EO 909:	
Remarks:	ate of completion of Notice of Abandonment DO/EO 909: